

HARVEY MUDD

C O L L E G E

**Department of Engineering
Seminar Program
Wednesday, October 19, 2011
Galileo McAlister, 4:10pm**

Alexander (Sandy) Cornelius, President of ASC Management Consulting

Sandy Cornelius created ASC Management Consulting after a prestigious career leading multibillion-dollar operations in the oil and gas industry. ASC Management Consulting is a consulting company that provides strategic planning, executive coaching and operational improvement projects from large enterprises to small businesses. Sandy brings more than 30 years of successful leadership and dramatic revenue growth for operations across the globe. Most recently, he was Vice President, Operational Excellence and Projects, Global Manufacturing at Chevron. While at Chevron, he also served as the Vice President Global Refining Operations driving organizational effectiveness across \$7B operations with 5+K employees. Sandy also served as General Director, Tengizchevroil, Atyrau, Kazakhstan, a \$15B Joint Venture operation with over 20,000 employees. During his tenure, Sandy's team streamlined operations, expanded service offerings, developed new go-to-market strategies and significantly grew production and revenue for several consecutive years. After the merger of Texaco and Chevron, he was VP for Chevron Texaco Overseas Petroleum, the Upstream International business, where he helped manage the successful integration of the two companies.

During his tenure in top leadership positions, Sandy was tapped to lead enterprise-wide talent management programs. In those roles, he conducted talent assessments and created coaching strategies that resulted in the execution of successful succession planning process for the company. Sandy is an inspiring leader who is well known throughout his network as someone who has made an impact in the lives of those he coached.

Sandy Cornelius was born in Scotland and served an apprenticeship as a Mechanical Fitter in the Explosives industry. After obtaining a Higher National Certificate in Mechanical Engineering at night school, he worked as a Design Engineer in the Nuclear Power industry for over 2 years. He attended Strathclyde University in Glasgow and obtained an Honors Degree in Mechanical Engineering. He is a Chartered Engineer (UK) and a member of the Institution of Mechanical Engineers.

He is a parent of a HMC graduate who is now a Professor at HMC.

Lessons from the BP Oil Spill in Gulf of Mexico 2010

Engineering Responsibility.... Some Lessons from the Deepwater Horizon Disaster. We will present the highlights and what went wrong. We will also discuss the impacts and implications for various communities and the tremendous responsibilities placed on Engineers and Engineering Leaders to demonstrate the competencies they know. We will discuss how to do the right thing or people get hurt or die.